

Former Plainwell Impoundment Time-Critical Removal Action Semimonthly Construction Update

Progress Report #34—January 21, 2007

Work Completed: January 3-16, 2008

- Completed excavation of soil and sediment on the west bank of the Kalamazoo River near the Plainwell Dam.
- Continued solidifying excavated soil and sediment at Staging Area 5S.
- Completed surveying and performing sampling and analysis of excavated portions of the west bank of the Kalamazoo River near the Plainwell Dam. Continued record survey activities associated with the water control structure, cofferdam, and post-construction activities at removal areas.
- Continued placing backfill and stone on the west bank of the Kalamazoo River near the Plainwell Dam.
- Continued turbidity monitoring of the Kalamazoo River to support removal activities.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	0	0	0	0
2007 Total	3,150	90	33,915	969
Project Total to Date	3,150	90	33,915	969

** All values are unofficial, estimated quantities, subject to revision/verification.

Work Planned: January 17-January 30, 2008

- Complete solidifying excavated soil and sediment at Staging Area 5S.
- Continue record survey activities associated with the water control structure, cofferdam, and post-construction activities at removal areas.
- Complete installation of backfill and stone on the west bank of the Kalamazoo River near the Plainwell Dam.
- Begin access road construction across Consumers Energy property extending from Miller Road to Staging Area 4N.

US EPA RECORDS CENTER REGION 5



406876

Removal Progress

The Removal Progress graphs will be on hiatus until removal activities commence in March.

Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed are below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBLES 4/30/07 Plainwell TCRA Construction Schedule.

Removal Progress

The Removal Progress graphs will be on hiatus until removal activities commence in March.

Health & Safety Update

- 4 Loss Prevention Observations (LPOs) were completed during this period.
A total of 106 LPOs have been completed for the project to date.

Weather Summary

- Warm temperatures (40s and 50s F) along with recent precipitation events have caused the Kalamazoo River to rise by approximately two feet. Fluctuations in the weather have resulted in only minimal impacts to removal and restoration activities.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: 133,000 gallons
Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☐ Yes ☒ in Removal Area(s): West Bank of
Plainwell Dam Embankment
Cleanup Standard Achieved? N/A ☐ Yes ☒ No ☐ If no, explain:

Issues Encountered/Solutions Advanced

- None.

**Former Plainwell Impoundment
Time-Critical Removal Action
Semimonthly Construction Update
Progress Report #34
Page 5 of 8**

Equipment on Site

Equipment	1/3/08	1/4/08	1/5/08	1/6/08	1/7/08	1/8/08	1/9/08	1/10/08	1/11/08	1/12/08	1/13/08	1/14/08	1/15/08	1/16/08
Komatsu PC-300 Excavator	-	-	-	-	1	1	1	1	1	1	1	1	1	1
Komatsu PC-300 HD Long Reach	-	-	-	-	2	2	2	2	2	2	2	2	2	2
Komatsu PC-200 Excavator	-	-	-	-	1	1	1	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	-	-	-	-	1	1	1	1	1	1	1	1	1	1
John Deere JD-450 Dozer	-	-	-	-	-	-	-	-	-	-	-	-	-	-
John Deere JD-700 Dozer	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Komatsu D37 Dozer	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Komatsu D61 Dozer	-	-	-	-	1	1	1	1	1	1	1	1	1	1
Komatsu D65 Dozer	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volvo P-180 Loader	-	-	-	-	1	1	1	1	1	1	1	1	1	1
Komatsu 380 loader	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT 328 Loader (King)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
American 80-ton Crane (King)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,000 Gallon Water Truck	-	-	-	-	1	1	1	1	1	1	1	1	1	1
Komatsu 400 Articulating Dump Truck	-	-	-	-	2	2	2	2	2	2	2	2	2	2

**Former Plainwell Impoundment
Time-Critical Removal Action
Semimonthly Construction Update
Progress Report #34
Page 6 of 8**

Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	1/3/08	1/4/08	1/5/08	1/6/08	1/7/08	1/8/08	1/9/08	1/10/08	1/11/08	1/12/08	1/13/08	1/14/08	1/15/08	1/16/08
Terra Contracting Staff					15	10	10	10	10	2		10	10	10
Jim Saric/USEPA														
Michael Berkoff/USEPA														
Mike Ribordy/USEPA OSC														
Craig Thomas/USEPA														
Paul Bucholtz/MDEQ														
John Bradley/MDEQ														
Judith Gapp/MDEQ														
John Lerg/MDNR												X		
Sharon Hanshue/MDNR														
Lisa Williams/USFWS														
Weston Contractors														
CDM Contractors														
Chase Fortenberry/KRSG														
Mark Brown/KRSG														
Steve Garbaciak/ARCADIS BBL														
Adam Chwalibog/ARCADIS BBL														
Eric Hritsuk/ARCADIS BBL														
Rich Price/ARCADIS BBLES														
Matt Bowman/ARCADIS BBLES														X
EJ Suardini/ARCADIS BBLES														X
Mike Kohagen/ARCADIS BBLES					X	X	X	X	X	X		X	X	X
Michelle Rumler/ARCADIS BBL					X	X	X	X	X					
Joe Willoughby/ARCADIS BBLES					X	X	X	X	X			X	X	X
Ben Lawrence/ARCADIS BBLES												X	X	X
Nick Harmer/ARCADIS BBL					X	X	X	X	X			X		X
Other Subcontractors (Specify)														

Photos from Reporting Period #34



Removing soil and sediment downstream of the Phase 1 cofferdam on the west bank of the West Channel.



Compacting backfill downstream of the Phase 1 cofferdam along the west bank of the West Channel.



Performing a deflection survey of the Phase 1 cofferdam.



Stone being delivered near the Phase 1 cofferdam.

